

**Product Name: NDUB5 Rabbit Polyclonal Antibody**  
**Catalog #: APRab14490**



## Summary

<b>Production Name</b>	NDUB5 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	NDUFB5
<b>Alternative Names</b>	
<b>Gene ID</b>	4711.0
<b>SwissProt ID</b>	O43674.Synthesized peptide derived from human protein . at AA range: 100-180

## Application

<b>Dilution Ratio</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Molecular Weight</b>	20kD

## Background

The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I).

Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein

**Product Name: NDUB5 Rabbit Polyclonal Antibody**  
**Catalog #: APRab14490**

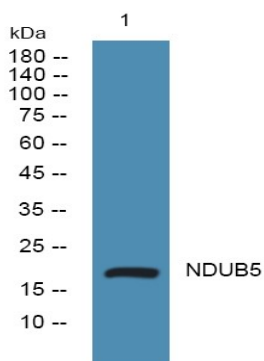


has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011],function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.,similarity:Belongs to the complex I NDUB5 subunit family.,subunit:Complex I is composed of 45 different subunits.,

## Research Area

Oxidative phosphorylation;Alzheimer's disease;Parkinson's disease;Huntington's disease;

## Image Data



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night

## Note

For research use only.